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|---|-------------|----------------------|---------------------------------|------------------|
| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
| 10/604,469 | 07/23/2003 | Iftikhar Khan | | 1468 |
| 7590 | | 07/06/2006 | | |
| Iftikhar Khan 4000 W 13 Mile Road Unit 21 Royal Oak, MI 48073 | | | EXAMINER STIGELL, THEODORE J | |
| | | | ART UNIT | PAPER NUMBER |
| | | | 3763 | |

DATE MAILED: 07/06/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

| | | | |
|------------------------------|--|---------------------------------------|--|
| Office Action Summary | Application No. 10/604,469 | Applicant(s) KHAN, IFTIKHAR | |
| | Examiner Theodore J. Stigell | Art Unit 3763 | |

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 17 March 2004.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-5 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-5 is/are rejected.
- 7) ☒ Claim(s) 1-5 is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☒ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 23 October 2003 is/are: a) ☐ accepted or b) ☒ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) Paper No(s)/Mail Date <u>7/23/2003</u> . | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Pro Se

An examination of this application reveals that applicant is unfamiliar with patent prosecution procedure. While an inventor may prosecute the application, lack of skill in this field usually acts as a liability in affording the maximum protection for the invention disclosed. Applicant is advised to secure the services of a registered patent attorney or agent to prosecute the application, since the value of a patent is largely dependent upon skilled preparation and prosecution. The Office cannot aid in selecting an attorney or agent.

A listing of registered patent attorneys and agents is available on the USPTO Internet web site <http://www.uspto.gov> in the Site Index under "Attorney and Agent Roster." Applicants may also obtain a list of registered patent attorneys and agents located in their area by writing to the Mail Stop OED, Director of the U. S. Patent and Trademark Office, PO Box 1450, Alexandria, VA 22313-1450

Specification

The disclosure is objected to because of the following informalities: The reference numbers in the drawings do not appear in the Specification.

Appropriate correction is required.

The preliminary amendment filed 3/17/2004 is objected to because the newly added paragraphs are listed in the proper sequential order. The new paragraphs should be numbered starting with the number (0009). Please see MPEP 37 C.F.R. 1.121.

Drawings

The drawings are objected to because the replacement drawings submitted on 10/23/2003 are not labeled properly as replacement sheets. See below on how to properly submit replacement drawings. Corrected drawing sheets in compliance with 37 CFR 1.121(d) are required in reply to the Office action to avoid abandonment of the application. Any amended replacement drawing sheet should include all of the figures appearing on the immediate prior version of the sheet, even if only one figure is being amended. The figure or figure number of an amended drawing should not be labeled as "amended." If a drawing figure is to be canceled, the appropriate figure must be removed from the replacement sheet, and where necessary, the remaining figures must be renumbered and appropriate changes made to the brief description of the several views of the drawings for consistency. Additional replacement sheets may be necessary to show the renumbering of the remaining figures. Each drawing sheet submitted after the filing date of an application must be labeled in the top margin as either "Replacement Sheet" or "New Sheet" pursuant to 37 CFR 1.121(d). If the changes are not accepted by the examiner, the applicant will be notified and informed of any required corrective action in the next Office action. The objection to the drawings will not be held in abeyance.

The drawings are objected to as failing to comply with 37 CFR 1.84(p)(5) because they include the following reference character(s) not mentioned in the description: (I, II, III, IV, V). Corrected drawing sheets in compliance with 37 CFR

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1.121(d), or amendment to the specification to add the reference character(s) in the description in compliance with 37 CFR 1.121(b) are required in reply to the Office action to avoid abandonment of the application. Any amended replacement drawing sheet should include all of the figures appearing on the immediate prior version of the sheet, even if only one figure is being amended. Each drawing sheet submitted after the filing date of an application must be labeled in the top margin as either "Replacement Sheet" or "New Sheet" pursuant to 37 CFR 1.121(d). If the changes are not accepted by the examiner, the applicant will be notified and informed of any required corrective action in the next Office action. The objection to the drawings will not be held in abeyance.

Claim Objections

The numbering of claims is not in accordance with 37 CFR 1.126 which requires the original numbering of the claims to be preserved throughout the prosecution. When claims are canceled, the remaining claims must not be renumbered. When new claims are presented, they must be numbered consecutively beginning with the number next following the highest numbered claims previously presented (whether entered or not). Misnumbered claims 1-5 should be renumbered 6-10.

Claims 1-5 are objected to because of the following informalities: It is the position of the Examiner that the Applicant intended to include only one independent claim, which is claim 1 (as numbered 3/17/2004). Claims 2-5 are regarded as dependent claims that depend from independent claim 1. The Examiner notes that the dependency is not properly recited. The Examiner suggests to the Applicant to study

the claim structure and dependency of the cited references to learn the proper way to recite the claims. Appropriate correction is required.

Claim Rejections - 35 USC § 112

The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

Claims 1-5 are rejected as failing to define the invention in the manner required by 35 U.S.C. 112, second paragraph.

The claim(s) are narrative in form and replete with indefinite and functional or operational language. The structure which goes to make up the device must be clearly and positively specified. The structure must be organized and correlated in such a manner as to present a complete operative device. The claim(s) must be in one sentence form only. Note the format of the claims in the patent(s) cited.

Claim 5 contains the trademark/trade name "Khan Orotracheal Suction System". Where a trademark or trade name is used in a claim as a limitation to identify or describe a particular material or product, the claim does not comply with the requirements of 35 U.S.C. 112, second paragraph. See *Ex parte Simpson*, 218 USPQ 1020 (Bd. App. 1982). The claim scope is uncertain since the trademark or trade name cannot be used properly to identify any particular material or product. A trademark or trade name is used to identify a source of goods, and not the goods themselves. Thus, a trademark or trade name does not identify or describe the goods associated with the trademark or trade name. In the present case, the trademark/trade

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name is used to identify/describe the system and, accordingly, the identification/description is indefinite.

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 1-3, and 5 are rejected under 35 U.S.C. 102(b) as being anticipated by Grane et al. (4,273,126).

In regards to claim 1, Grane discloses an orotracheal suction system consisting of an orotracheal suction catheter (6), and extension tubing (10), and a reservoir (1), which can be used for suctioning of the oropharynx and trachea. *The Examiner notes that attention will only be paid to the limitations of the first sentence of each claim because claims are supposed to be written in a one-sentence format. The Examiner also notes that this first claim is extremely broad and that many suction systems will read on the limitations.*

In regards to claim 2, Grane discloses a device that includes all of the limitations as recited in claim 1 wherein the catheter is made of a synthetic polymer. *The Examiner notes that this claim is also extremely broad since most if not all catheters are made of synthetic polymers.*

In regards to claim 3, Grane discloses a device that includes all of the limitations as recited in claim 1 wherein the tubing is larger or smaller than 15 Fr and measures 3-5 ft in length to allow slack to reach the patient's head.

In regards to claim 5, Grane discloses a device that includes all of the limitations as recited in claim 1 wherein the system can be used with the reservoir (1).

Claims 1-5 are rejected under 35 U.S.C. 102(b) as being anticipated by Weilbacher (4,465,483).

In regards to claim 1, Weilbacher discloses an orotracheal system consisting of an orotracheal suction catheter (21), an extension tubing (20), and a reservoir (10), which can be used for suctioning of the oropharynx and trachea.

In regards to claim 2, Weilbacher discloses a device that includes all of the limitations as recited in claim 1 wherein the catheter is made of a synthetic polymer.

In regards to claim 3, Weilbacher discloses a device that includes all of the limitations as recited in claim 1 wherein the tubing is larger or smaller than 15 Fr and measures 3-5 ft in length to allow slack to reach the patient's head.

In regards to claim 4, Weilbacher discloses a device that includes all of the limitations as recited in claim 1 wherein the reservoir is attached to wall suction with standard sump tubing (48) at one end and at the other end is attached to the extension tubing.

In regards to claim 5, Weilbacher discloses a device that includes all of the limitations as recited in claim 1 wherein the system can be used with the reservoir (10).

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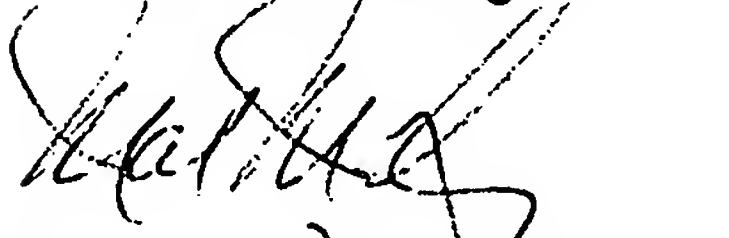
Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Theodore J. Stigell whose telephone number is 571-272-8759. The examiner can normally be reached on M-F 8:30-5:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Nicholas Lucchesi can be reached on 571-272-4977. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.


Theodore J. Stigell


Primary Patent Ex.

IDS - 07/23/2013

ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18
Stylesheet Version v18.0

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|-----------------------|-----------------------------------|--|--|--|--|--|--|
| Title of Invention | [Khan Orotracheal Suction System] | | | | | | |
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Application Number :

Confirmation Number:

First Named Applicant: Iftikhar Khan

Attorney Docket Number:

Art Unit:

Examiner: Iftikhar Khan

Search string: (4805611 or 4150676 or 4967743 or 4638539 or 4685457 or 6568388 or 4671291
or 4655752 or 4655752 or 4595005 or 4673393 or 4569344 or 3991762 or 4469483
or 5065754 or 4534542 or 5215522).pn

Certification: This Information Disclosure Statement was submitted under the following conditions, which satisfies the requirement under 37 CFR 1.97(e). The filer certified:

That each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement.

US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

| init | Cite.No. | Patent No. | Date | Patentee | Kind | Class | Subclass |
|------|----------|------------|------------|-------------|------|-------|----------|
| TS | 1 | 4805611 | 1989-02-21 | Hodgkins | | | |
| | 2 | 4150676 | 1979-04-24 | Jackson | | | |
| | 3 | 4967743 | 1990-11-06 | Lambert | | | |
| | 4 | 4638539 | 1987-01-27 | Palmer | | | |
| | 5 | 4685457 | 1987-08-11 | Donenfeld | | | |
| | 6 | 6568388 | 2003-05-27 | Christopher | | | |
| | 7 | 4671291 | 1987-06-09 | Wilson | | | |
| | 8 | 4655752 | 1987-04-07 | Honkanen | | | |
| | 9 | 4655752 | 1987-03-03 | Stroh | | | |
| | 10 | 4595005 | 1986-06-17 | Jinotti | | | |
| | 11 | 4673393 | 1987-06-16 | Suzuki | | | |
| | 12 | 4569344 | 1986-02-11 | Palmer | | | |
| | 13 | 3991762 | 1976-11-16 | Radford | | | |
| | 14 | 4469483 | 1984-09-04 | Becker | | | |
| | 15 | 5065754 | 1991-11-19 | Jensen | | | |
| ✓ | 16 | 4534542 | 1985-08-13 | Russo | | | |

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| TS | 17 | 5215522 | 1993-06-01 | Page | — | — | — |
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Signature

| Examiner Name | Date |
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| /Theodore Stigell/ | 06/27/2006 |

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|-----------------------------------|---------------------------------------|---|-------------|
| Notice of References Cited | Application/Control No. 10/604,469 | Applicant(s)/Patent Under Reexamination KHAN, IFTIKHAR | |
| | Examiner Theodore J. Stigell | Art Unit 3763 | Page 1 of 1 |

U.S. PATENT DOCUMENTS

| * | | Document Number Country Code-Number-Kind Code | Date MM-YYYY | Name | Classification |
|---|---|--|-----------------|-----------------------|----------------|
| | A | US-4,465,483 | 08-1984 | Weilbacher, Eugene E. | 604/317 |
| | B | US-4,273,126 | 06-1981 | Grane et al. | 604/319 |
| | C | US- | | | |
| | D | US- | | | |
| | E | US- | | | |
| | F | US- | | | |
| | G | US- | | | |
| | H | US- | | | |
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| | L | US- | | | |
| | M | US- | | | |

FOREIGN PATENT DOCUMENTS

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NON-PATENT DOCUMENTS

| * | | Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages) |
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| | U | |
| | V | |
| | W | |
| | X | |

*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)
Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.

Organization

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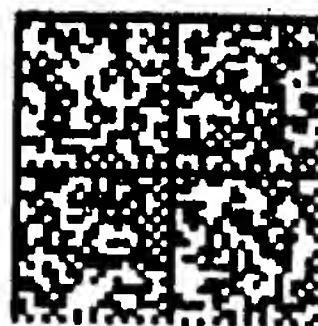
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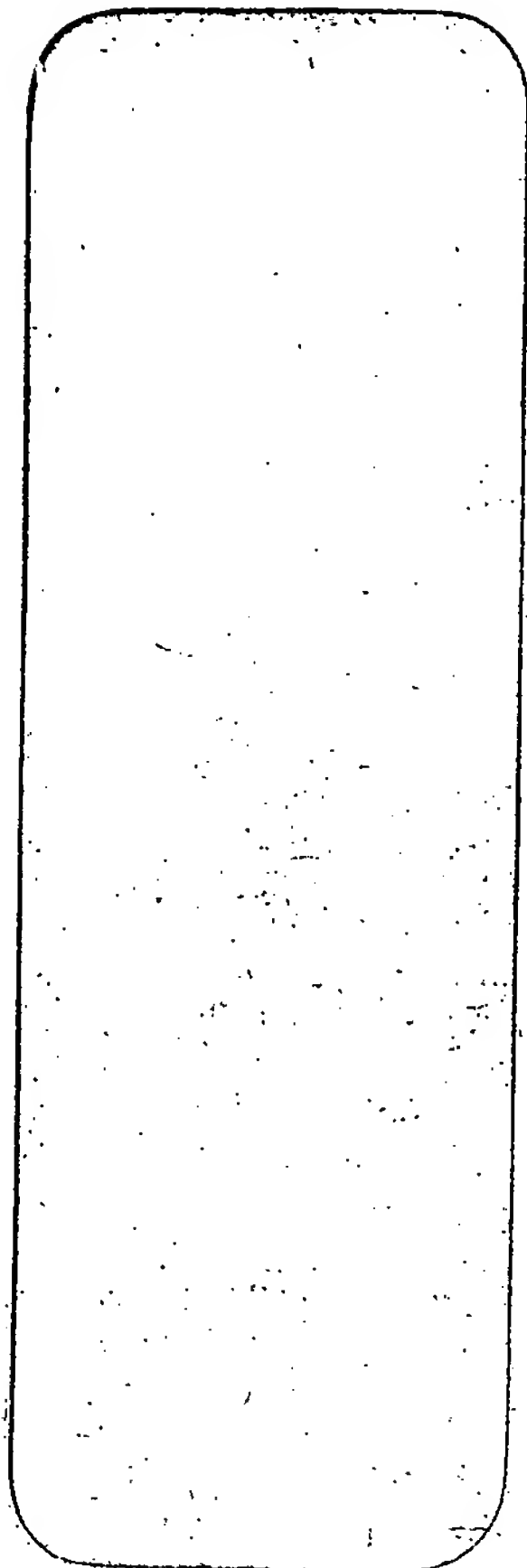
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